



UNITED STATES DEPARTMENT OF AGRICULTURE

SERVICE AND REGULATORY ANNOUNCEMENTS

BUREAU OF ANIMAL INDUSTRY

JULY 1942

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CHANGES IN DIRECTORY

Meat Inspection Granted

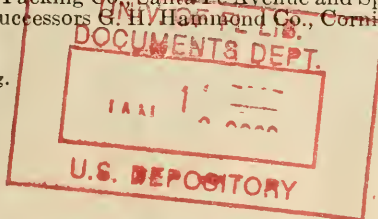
99. Burnham & Morrill Co., 45 Water Street, Portland, Maine.
‡236. Columbus Foods Corporation, foot of Tenth Street, Lawrence, Kans.
‡253. Sterling Brands, Inc., 302 Miller Street, Sterling, Ill.
‡255. Claridge Food Corporation, 41-43 Murray Street, Flushing, Long Island, N. Y.
‡264. Friend Bros., Inc., 730 Eastern Avenue, Malden, Mass.
‡266. Ready-To-Serve Foods, Inc., 559 Longfellow Avenue, Bronx, New York, N. Y.
*392. Humphrey Meat Packing Co., East Fourth Street; mail, P. O. box 1750, Reno, Nev.
‡500. Mickelberry's Food Products Co., 4912 West Twenty-fifth Place, Cicero, Ill.
‡*741. Alpert Meat & Packing Co., 1490 Fairfax Avenue, San Francisco, Calif.
‡*811. Archie McFarland & Son, Inc., 2922 South Main Street; mail, P. O. box 1853, Salt Lake City, Utah.
‡985. Dorset Foods, Inc., 450 West Thirty-first Street, New York, N. Y.
‡986. Carmelita Food Products Co., 1601 East Fourth Street, Tulsa, Okla.

Meat Inspection Withdrawn

118. Klein Tamale Co., 1643 Portland Avenue, Louisville, Ky.
163. J. A. Brewer & Sons, Pennsylvania Avenue, Hagerstown, Md.
279. The Nuckolls Packing Co., Santa Fe Avenue and Spring Street, Pueblo, Colo.
516. Swift & Co., successors G. H. Hammond and Co., Corning, N. Y.

†No sealed cars.
*Conducts slaughtering.

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Change of Name of Official Establishment

50. Royal Meat Products Co., 707 Linwood Boulevard, Kansas City, Mo., instead of Feinberg Kosher Sausage Co. of Missouri, Inc.
674. Hygrade Food Products Corporation, South Logan Street, Mishawaka, Ind., and Major Brothers Packing Co., Parker-Webb, Inc., F. Schenk & Sons Co., Dold Packing Corporation, Dunlevy-Franklin Corporation, Southern Food Corporation, A. Fink & Sons Co., Inc., and Sullivan Packing Co., instead of Major Bros. Packing Co.

Change of Number of Official Establishment

36. Armour & Co., Tifton, Ga., instead of 2GA, Armour & Co., Tipton, Ga.

Substation Changed to Station

San Antonio, Tex., meat inspection, Dr. A. E. Evans, care Roegelien Packing Co., in charge. (Austin, Tex., has been made a meat-inspection substation of San Antonio, Tex., instead of a substation of Fort Worth, Tex.)

Station Discontinued

Pueblo, Colo., meat inspection.

New Substations

Cicero, Ill., meat inspection, under Chicago, Ill.
 Flushing, N. Y., meat inspection, under New York, N. Y.
 Lawrence, Kans., meat inspection, under Kansas City, Kans.
 Malden, Mass., meat inspection, under Boston, Mass.
 Sterling, Ill., meat inspection, under Chicago, Ill.
 Tulsa, Okla., meat inspection, under Oklahoma City, Okla.

Substations Discontinued

Corning, N. Y., meat inspection, under Buffalo, N. Y.
 Hagerstown, Md., meat inspection, under Frederick, Md.

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION,
JUNE 1942 ¹

Station	Cattle	Calves	Sheep and lambs	Goats	Swine
Chicago ²	136,690	31,837	178,737	-----	485,359
Denver.....	20,299	1,047	23,246	-----	47,251
Kansas City.....	74,448	24,352	114,357	-----	249,090
New York ³	43,459	71,979	225,763	-----	171,343
Omaha.....	100,227	2,712	98,848	-----	244,845
St. Louis ⁴	51,930	42,846	99,446	-----	376,440
Sioux City.....	51,178	500	35,414	-----	120,579
South St. Paul ⁵	68,405	37,355	20,696	-----	234,849
All other stations.....	492,492	262,471	678,936	227	2,623,581
Total:					
June 1942.....	1,039,128	475,099	1,481,413	227	4,553,937
June 1941.....	867,141	439,832	1,378,099	130	3,336,052
12 months ended—					
June 1942.....	11,761,746	5,544,745	18,547,305	9,498	50,133,871
June 1941.....	10,126,861	5,393,566	17,811,612	5,452	48,710,059

¹ Horses slaughtered:

June 1942.....	1,612
June 1941.....	1,267
12 months ended—	
June 1942.....	30,787
June 1941.....	14,641

² Includes Elburn, Ill.

³ Includes Jersey City and Newark, N. J.

⁴ Includes National Stock Yards and East St. Louis, Ill.

⁵ Includes Newport and St. Paul, Minn.

MEAT AND MEAT FOOD PRODUCTS PREPARED AND PROCESSED UNDER FEDERAL MEAT INSPECTION, JUNE 1942

Product	Quantity	Product	Quantity
Meat placed in cure:	<i>Pounds</i>	Canned meat and meat food products—Continued.	<i>Pounds</i>
Beef.....	11,494,237	Soup.....	12,982,557
Pork.....	319,774,961	All other.....	32,182,769
Smoked and/or dried:		Bacon, sliced.....	34,317,669
Beef.....	6,842,992	Lard:	
Pork.....	176,529,926	Rendered.....	134,608,404
Sausage:		Refined.....	129,863,434
Fresh, finished.....	11,734,779	Canned.....	1,566,487
Smoked and/or cooked.....	71,676,865	Rendered pork fat:	
To be dried or semidried.....	9,491,272	Rendered.....	16,408,914
Loaf, headcheese, chili con carne, jellied products, etc.....	16,925,851	Refined.....	9,309,280
Cooked meat:		Canned.....	280,818
Beef.....	751,551	Oleo stock.....	13,163,720
Pork.....	26,546,081	Edible tallow.....	8,078,181
Canned meat and meat food products:		Compound containing animal fat.....	19,578,150
Beef.....	11,597,241	Oleomargarine containing animal fat.....	3,535,833
Pork.....	89,175,098	Miscellaneous.....	2,125,446
Sausage.....	25,325,029	Total.....	1,195,867,545

¹ This figure represents "inspection pounds" as some of the products may have been inspected and recorded more than once due to having been subjected to more than one distinct processing treatment, such as curing first and then canning.

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, JUNE 1942

State or Territory	Tuberculin tests during month		Total to date ¹			Inspector in charge	State official
	Cat- tle tested	Cat- tle re- acted	Once- tested- free herds	Ac- cred- ited herds	Herds under super- vision		
Alabama.....	2,137	8	270,875	630	271,445	R. E. Jackson.....	R. S. Sugg, Auburn.
Arizona.....	1,646	8	12,236	8	12,593	F. L. Schneider.....	T. B. Jones, Phoenix.
Arkansas.....	3,523	0	228,256	1	228,257	A. W. Rice.....	Joe S. Campbell, Little Rock.
California.....	98,079	231	74,574	17	74,669	H. M. O'Rear.....	C. U. Duckworth, Sacramento.
Colorado.....	4,905	4	60,611	32	60,846	Edgar Heiny.....	R. M. Gow, Denver.
Connecticut.....	8,734	32	221	17,397	18,849	R. L. Smith.....	Claude Jones, Hartford.
Delaware.....	2,997	0	6,332	2,109	8,450	O. L. Lockwood.....	Harry McDaniel, Jr., Dover.
Dist. of Col.....	0	0	15	2	17	A. E. Wight.....	J. V. Knapp, Tallahassee.
Florida.....	4,177	5	40,731	61	67,656	T. H. Applewhite.....	Tom Linder, Atlanta.
Georgia.....	2,087	0	242,494	61	242,588	W. C. Dendinger.....	A. P. Schneider, Boise.
Idaho.....	2,163	14	51,176	30	51,270	F. F. Fischer.....	E. L. Fidler, Springfield.
Illinois.....	80,582	129	233,364	686	243,410	A. K. Kuttler.....	J. L. Axby, Indianapolis.
Indiana.....	10,660	29	146,109	1,331	147,750	W. A. Sullivan.....	C. C. Franks, Des Moines.
Iowa.....	25,824	142	0	439	194,440	J. A. Barger.....	Will J. Miller, Topeka.
Kansas.....	3,532	8	170,338	182	171,032	Ralph Graham.....	L. L. Breech, Frankfort.
Kentucky.....	5,216	11	163,647	29	163,867	E. E. Coshaw.....	E. P. Flower, Baton Rouge.
Louisiana.....	3,891	6	148,748	0	148,804	W. A. McDonald.....	D. P. Corbett, Augusta.
Maine.....	671	0	43,571	150	43,817	B. J. Cady.....	Mark Welsh, Baltimore.
Maryland.....	16,635	25	29,410	14,814	44,312	O. L. Lockwood.....	Jas. DeNormandie, Boston.
Massachusetts.....	15,524	35	1,061	20,695	21,674	E. M. Aldrich.....	C. H. Clark, Lansing.
Michigan.....	40,856	65	207,050	64	207,087	C. H. Hays.....	Ralph L. West, St. Paul.
Minnesota.....	52,157	54	188,692	789	189,604	W. J. Fretz.....	E. S. Brashier, Jackson.
Mississippi.....	1,572	0	260,164	4	260,176	Hartwell Robbins.....	J. W. George, Jefferson City.
Missouri.....	1,293	0	237,707	62	239,687	E. C. Hughes.....	W. J. Butler, Helena.
Montana.....	2,247	0	72,999	23	73,033	G. W. Cronen.....	J. R. Snyder, Lincoln.
Nebraska.....	8,047	2	134,887	33	135,227	J. W. Murdoch.....	W. B. Earl, Reno.
Nevada.....	196	0	3,517	2	3,441	S. H. Still.....	R. W. Smith, Concord.
New Hampshire.....	1,939	2	654	17,482	18,911	E. M. Aldrich.....	R. A. Hendershott, Trenton.
New Jersey.....	18,659	90	1,870	14,196	16,181	J. R. Porteus.....	Sam McCue, Albuquerque.
New Mexico.....	987	2	22,104	17	25,450	F. L. Schneider.....	E. T. Faulder, Albany.
New York.....	71,419	178	6,606	131,900	139,044	H. B. Leonard.....	William Moore, Raleigh.
North Carolina.....	3,545	0	256,170	519	256,689	A. A. Husman.....	

¹ All States are 100 percent modified accredited. Puerto Rico and the Virgin Islands are also in the modified accredited area.

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, JUNE 1942—Continued

State or Territory	Tuberculin tests during month		Total to date			Inspector in charge	State official
	Cattle tested	Cattle re-acted	Once-tested-free herds	Accredited herds	Herds under supervision		
North Dakota	3, 449	2	65, 403	40	68, 003	F. C. Driver	T. O. Brandenburg, Bismarck.
Ohio	17, 583	18	241, 800	644	242, 549	A. J. DeFosset	F. L. Carr, Columbus.
Oklahoma	4, 509	3	276, 267	24	276, 321	C. H. Fauks	D. H. Rieks, Oklahoma City.
Oregon	8, 066	14	210, 929	2, 081	213, 021	S. B. Foster	W. H. Lytle, Salem.
Pennsylvania	42, 921	266	159, 176	6, 966	166, 142	J. B. Reidy	C. P. Bishop, Harrisburg.
Rhode Island	1, 782	10	2, 343	1, 299	4, 134	E. M. Aldrich	R. G. Bressler, Providence.
South Carolina	1, 606	1	57, 288	89	57, 380	W. K. Lewis	W. K. Lewis, Columbia.
South Dakota	25, 418	59	73, 277	3	73, 303	Neil Plank	R. S. Robinson, Pierre.
Tennessee	1, 349	1	294, 896	23	294, 937	H. L. Fry	C. E. Kord, Nashville.
Texas	13, 449	23	282, 815	62	372, 281	H. L. Darby	T. O. Booth, Fort Worth.
Utah	2, 981	11	87, 101	128	87, 439	H. H. Cohenour	J. I. Curtis, Salt Lake City.
Vermont	9, 168	37	5, 768	17, 160	22, 978	N. H. Howlett	E. H. Jones, Montpelier.
Virginia	6, 234	29	199, 019	522	199, 294	H. C. Miller	H. C. Givens, Richmond.
Washington	9, 686	14	76, 406	16	76, 475	J. C. Exline	M. O. Barnes, Olympia.
West Virginia	2, 936	3	114, 532	599	115, 136	H. M. Newton	T. C. Green, Charleston.
Wisconsin	90, 665	78	178, 471	6, 351	185, 168	J. S. Healy	V. S. Larson, Madison.
Wyoming	1, 565	11	20, 369	3	20, 379	F. H. Melvin	H. D. Port, Cheyenne.
Hawaii	3, 752	9	1, 800	0	1, 800	A. H. Julien	E. H. Willers, Honolulu.
Puerto Rico	0	0	62, 498	0	62, 568	E. E. Maas	Isidoro A. Colon, San Juan.
Virgin Islands	0	0	419	0	420	do	Ralph L. Williams, Christiansted.
Total	743, 019	1, 669	5,726,765	259, 775	6,320,066		

SUMMARY OF BRUCELLOSIS (BANG'S DISEASE) WORK IN COOPERATION WITH STATES, JUNE 1942¹

State or Territory	Tests of blood samples during month		Tests of herds containing reactors				Calves vaccinated during month ³	Modified accredited counties	Total accredited		Herds under supervision	Total cattle on waiting list
	Herds tested	Cattle tested	Herds tested	Cattle tested	For slaughter	Held in calfhood vaccinated herds ²			Herds	Cattle		
Alabama	797	20,963	79	6,005	273	61	200	29	742	127,643	130,770	57,212
Arizona	65	998	12	291	40	0	67	0	9	776	4,130	1,000
Arkansas	2,471	16,787	209	6,141	483	0	38	61	0	0	213,298	0
Colorado	80	1,769	27	1,153	14	73	282	0	23	1,139	2,579	4,776
Connecticut	97	1,768	17	441	57	0	104	0	386	10,830	628	0
Delaware	131	1,539	38	583	68	3	41	1	347	7,150	6,376	212
Florida	968	20,145	110	9,447	338	21	312	1	283	19,033	24,750	0
Georgia	1,035	9,199	123	3,432	305	0	62	0	26	2,261	127,980	194,151
Idaho	788	7,634	168	2,181	377	64	450	8	2,820	34,664	43,902	0
Illinois	278	5,720	85	2,218	163	48	121	0	526	12,311	13,604	0
Indiana	138	1,875	19	503	55	0	0	0	6,065	110,041	4,734	963
Iowa	494	8,059	129	2,392	290	0	186	0	3,155	56,891	27,875	7,668
Kansas	328	4,286	41	635	64	0	3	0	306	9,699	4,775	1,764
Kentucky	172	5,218	27	1,192	67	4	34	0	89	2,045	38,797	3,094
Louisiana	1,494	8,730	184	4,559	700	22	1,397	18	0	0	64,155	27,924
Maine	2,528	14,639	272	2,936	481	0	128	1	229	3,921	10,682	0
Maryland	1,485	16,195	222	4,712	487	33	539	4	3,598	59,033	24,040	1,264
Massachusetts	8	144	3	53	0	8	59	0	83	3,490	0	3,490
Michigan	1,655	15,447	244	3,010	561	211	302	24	3,047	50,632	27,551	3,509
Minnesota	3,430	42,125	193	4,222	631	0	0	17	23	842	89,657	16,148

¹ Officials in charge of brucellosis work are the same as those listed in summary of tuberculosis-eradication work.

² Nonvaccinated reactors held during the month.

³ Calves in experimental herds not included.

SUMMARY OF BRUCELLOSIS (BANG'S DISEASE) WORK IN COOPERATION WITH STATES, JUNE 1942—Continued

State or Territory	Tests of blood samples during month		Tests of herds containing reactors				Calves vaccinated during month	Modified accredited counties	Total accredited		Herds under supervision	Total cattle on waiting list
	Herds tested	Cattle tested	Herds tested	Cattle tested	Reactors				Herds	Cattle		
					For slaughter	Held in calfhood vaccinated herds						
Mississippi.....	818	3,978	33	782	91	0	0	3	465	10,072	7,605	0
Missouri.....	631	7,576	123	2,075	333	0	0	57	2,833	84,554	0	0
Montana.....	149	1,845	21	341	49	8	168	0	24	1,361	2,890	0
Nebraska.....	96	1,877	32	858	95	0	24	0	412	7,235	8,569	1,607
Nevada.....	16	843	1	108	0	2	183	0	42	1,775	214	70
New Hampshire.....	1,225	9,480	129	2,266	298	0	0	0	4,713	43,693	9,726	410
New Jersey.....	571	10,786	108	4,533	175	38	103	0	315	8,759	1,171	0
New Mexico.....	181	2,565	20	799	44	0	55	0	3	98	9,999	2,000
New York.....	606	14,247	337	9,899	197	1,548	2,354	0	1,427	42,060	5,068	0
North Carolina.....	497	8,475	46	1,974	98	0	2	90	639	26,440	249,084	0
North Dakota.....	1,127	19,310	169	4,307	558	196	145	23	38	2,791	50,078	217,120
Ohio.....	952	10,295	186	2,947	462	0	59	4	2,752	51,500	57,404	45,000
Oklahoma.....	447	6,813	109	2,929	197	0	33	0	867	17,817	46,436	4,925
Oregon.....	1,566	12,934	73	2,890	256	3	333	16	1	48	103,233	0
Pennsylvania.....	3,001	40,117	571	11,301	1,427	22	164	18	6,457	134,788	74,071	22,240
Rhode Island.....	16	479	6	217	31	0	0	0	21	574	141	0
South Carolina.....	744	4,157	15	413	18	22	16	7	82	5,529	37,052	3,000
South Dakota.....	38	657	11	242	6	76	69	0	162	3,525	2,045	7,000
Tennessee.....	277	6,259	113	4,035	139	112	209	6	440	15,616	45,691	2,500
Texas.....	285	6,811	41	1,681	65	31	137	0	1,354	18,679	2,416	0
Utah.....	317	3,276	66	1,252	250	0	746	2	0	0	32,468	0
Vermont.....	650	10,587	266	6,376	0	1,158	1,383	0	281	9,044	2,493	2,635
Virginia.....	1,258	13,556	111	3,796	268	0	0	75	255	13,540	190,706	84,972
Washington.....	1,094	12,487	91	4,003	307	29	1,504	17	0	0	68,883	0
West Virginia.....	964	7,970	65	1,792	121	0	0	27	272	9,801	67,610	0
Wisconsin.....	485	13,722	305	8,327	951	0	161	8	33,648	654,571	82,172	5,620
Wyoming.....	112	1,627	10	227	27	12	3	0	4	245	3,232	0
Total.....	36,565	435,969	5,260	136,776	11,917	3,805	12,114	522	76,488	1,594,798	2,105,294	722,274

BIOLOGICAL PRODUCTS PREPARED UNDER LICENSES, JUNE 1942

Anti-hog-cholera serum

Period	Preserved	Completed	Released	Destroyed
	Cc.	Cc.	Cc.	Cc.
June 1942.....	132,380,724	130,817,168	149,007,180	589,003
June 1941.....	107,099,646	105,287,205	133,938,350	458,339
12 months ended—				
June 1942.....	1,387,785,181	1,366,548,420	1,356,633,490	6,754,557
June 1941.....	1,137,057,709	1,132,290,083	1,123,244,810	4,734,899

Hog-cholera virus

Period	Produced			Destroyed	
	Simultaneous	Hyperimmunizing	Inoculating	Simultaneous	Hyperimmunizing
	Cc.	Cc.	Cc.	Cc.	Cc.
June 1942.....	18,786,388	26,063,498	175,994	455,390	1,215,725
June 1941.....	14,482,025	19,355,008	84,471	446,182	800,530
12 months ended—					
June 1942.....	104,815,575	277,999,251	1,216,525	4,825,956	12,445,963
June 1941.....	78,666,525	218,413,668	818,735	3,520,139	7,804,539

INSPECTIONS AND TESTS IN THE PRODUCTION OF ANTI-HOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS UNDER LICENSES, JUNE 1942

Period	Animal inspections	Animal rejections	Pigs inoculated	Hogs hypered	Tests supervised	
					Serum	Virus
June 1942.....	421, 246	5, 433	39, 657	18, 852	497	486
June 1941.....	328, 167	4, 159	31, 479	14, 979	376	395
12 months ended—						
June 1942.....	4, 077, 250	53, 364	370, 163	214, 759	5, 902	3, 167
June 1941.....	3, 194, 602	32, 832	275, 065	171, 212	4, 353	2, 471

LICENSES ISSUED FOR BIOLOGICAL PRODUCTS JUNE 1942

License No. 6-A, issued June 18, 1942, to Pitman-Moore Co., Division of Allied Laboratories, Inc., 1220 Madison Avenue, Indianapolis, Ind., for: Anti-pasteurella-pseudodiphthericum serum.

License No. 9, issued June 1, 1942, to Lederle Laboratories, Inc., 30 Rockefeller Plaza, New York, N. Y., for: Anti-feline-distemper serum.

License No. 69, issued January 9, 1932, to the Southern Serum Co., Old Springfield Road, West Plains, Mo., was terminated June 22, 1942, without prejudice, and reissued on the same date to Wilke Laboratories, Lincoln Avenue and Third Street, West Plains, Mo., for: Anti-hog-cholera serum; hog-cholera virus.

License No. 107, issued June 3, 1942, to Jensen-Salsbery Laboratories, Inc., 520 West Pennway, Kansas City, Mo., for: Clostridium chauvei-septicus bacterin.

License No. 163-A, issued June 5, 1942, to Fidelity Laboratories, Inc., 822 Exchange Avenue, Chicago, Ill., for: Clostridium chauvei-septicus bacterin; pasteurella avicida bacterin; pasteurella-pseudodiphthericum bacterin; salmonella choleraesuis bacterin.

RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS

Penalties and fines have been imposed in prosecutions for violations of regulatory laws, as reported to the Bureau, as follows:

Twenty-eight-hour law

Atchison, Topeka & Santa Fe Railway Co. (4 cases), \$400 penalties.
 Baltimore & Ohio Railroad Co., \$100 penalty.
 Chicago, Burlington & Quincy Railroad Co. (7 cases), \$800 penalties.
 Chicago, Milwaukee, St. Paul & Pacific Railroad Co., \$100 penalty.
 Chicago, Rock Island & Pacific Railway Co. (10 cases), \$1,000 penalties.
 Denver & Rio Grande Western Railroad Co. (2 cases), \$200 penalties.
 Erie Railroad Co. (2 cases), \$200 penalties.
 Great Northern Railway Co., \$100 penalty.
 Kansas City Southern Railway Co. (2 cases), \$200 penalties.
 Louisville & Nashville Railroad Co., \$100 penalty.
 Michigan Central Railroad Co., \$100 penalty.
 Missouri Pacific Railroad Co. (11 cases), \$1,100 penalties.
 Nashville, Chattanooga & St. Louis Railway Co., \$100 penalty.
 New York Central Railroad Co. (2 cases), \$200 penalties.
 New York, New Haven & Hartford Railroad Co., \$100 penalty.
 Northern Pacific Railway Co. (4 cases), \$400 penalties.
 Pennsylvania Railroad Co. (17 cases), \$1,700 penalties.
 Sacramento Northern Ry., \$100 penalty.
 Southern Pacific Co. (2 cases), \$200 penalties.
 Spokane, Portland & Seattle Railway Co., \$100 penalty.
 Terminal Railroad Association of St. Louis, \$100 penalty.
 Union Pacific Railroad Co. (12 cases), \$1,200 penalties.
 Wabash Railway Co., \$100 penalty.
 Western Pacific Railroad Co. (2 cases), \$200 penalties.
 Yazoo & Mississippi Valley Railroad Co., \$100 penalty.

Meat Inspection Act

For offering uninspected meat for interstate shipment:

Royal Food Products, Greenfield, Mass., \$15 fine. (M. I. case No. 1955.)

NEW PUBLICATIONS OF THE BUREAU

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Index-Catalogue of Medical and Veterinary Zoology. Part 6. Authors: G to Gyser. By Albert Hassall, Mildred A. Doss, Ruth M. Taylor, Gertrude B. Carson, and Dorothy B. Segal, Zoological Division. Pp. 1459-1754.

Yearbook Separate 1870. Losses Caused by Animal Diseases and Parasites. By John R. Mohler, Chief, Bureau of Animal Industry; A. E. Wight, Chief Tuberculosis Eradication Division; W. M. MacKellar, Chief, Division of Tick Eradication and Special Diseases, Bureau of Animal Industry; and F. C. Bishopp, Bureau of Entomology and Plant Quarantine. Pp. 109-116.

Yearbook Separate 1871. Causes of Disease. By H. W. Schoening, Chief Pathological Division; Benjamin Schwartz, Chief, Zoological Division; Ward T. Huffman, Pathological Division; and Louis L. Madsen, Animal Nutrition Division. Pp. 117-137.

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Yearbook Separate 1877. How Research Aids in Disease Control. By John R. Mohler, Chief, Bureau of Animal Industry. Pp. 188-202.

Yearbook Separate 1879. Fighting Disease With Knowledge. By D. S. Burch, Agricultural Editor, Bureau of Animal Industry. Pp. 227-235.

Yearbook Separate 1881. Anthrax. By C. D. Stein, Pathological Division. Pp. 250-262.

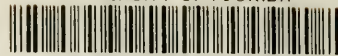
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